



MRS. ERNEST ZURCHER PROUDLY 'pins' her husband a Fellow in the American Society of Mechanical Engineers. Zurcher, who served the Y-12 plant, for more than 25 years, as a consulting engineer, is now on a consultant basis after his March 31 retirement. The Zurchers live at 2648 Sherrod Road, Knoxville.

Ernest Zurcher Is Named Fellow In Mechanical Engineer Society

Ernest Zurcher, engineering consultant for the Y-12 Plant, has been named a Fellow in the American Society of Mechanical Engineers.

Part of Zurcher's citation reads, "his early experience at the General Electric Company, the Fulton Sylphon Company and the Y-12 Plant produced a number of patents and a solid background in engineering, tool and die design and production engineering. This background lead to his directing the engineering of such diverse activities as the Alpha-M units for the electromagnetic separation of U-235 and the Oak Ridge National Laboratory 86" cyclotron. It also equipped him for the role of maintaining technical liaison between the Y-12 plant design and production facilities and the nuclear weapon design laboratories at Los Alamos, Sandia Corporation, and the Lawrence Radiation Laboratory. His ability to translate the theoretical requirements into engineering capabilities has been a primary force in the success of the United States nuclear weapons program."

Sponsored By Five

Zurcher's sponsors included William R. Chambers, Columbus, Ohio; Arthur P. Fraas, Oak Ridge National Laboratory; Professor Marvin D. Martin, college of engineering, University of Arizona; Dana F. Wolfe, Robertshaw Controls, Knoxville; and Roy C. Robertson, Knoxville. Extremely high praise came from all five sponsors attesting to Zurcher's eminence as an engineer and as a man.

"It is unfortunate that for se-

curity reasons his work cannot be fully catalogued," read one testimonial.

"I have always been impressed by his unusually broad and fine engineering background, and by the excellent engineering judgment he has shown when confronted with new and difficult problems."

'Outstanding . . . High Esteem'

"I have known Mr. Zurcher for over 20 years, both socially and professionally and I consider him to be one of the outstanding engineers in my acquaintance," read another endorsement.

"Since his more recent accomplishments have been done in the area of classified defense work, with which I am not familiar, I can only judge his success by the high esteem to which he is held by his colleagues. It is a privilege and pleasure to recommend him for the grade of Fellow."

"He is nationally recognized for his contributions and competence in his special field, and here in East Tennessee, we consider him to be one of our most outstanding and loyal members of the Society."

From co-workers, both here, and in other atomic energy-related plants:

"Outstanding professional performance and his large engineering contribution to a highly complex and important technical field."

"His nomination will do honor to both himself and the Society."

"He must be regarded as one of the senior statesmen engineers of the atomic weapons complex."

Continued on Page 4

AEC Reduces Accident Rate 2nd Straight Year

For the second straight year, employees of the Atomic Energy Commission's Oak Ridge Operations and its contractors have won the National Safety Council's Award of Honor—the highest recognition for safety achievement an organization can earn from the NSC.

The 22,000 employees of Oak Ridge Operations' facilities in five states and Puerto Rico earned the award by completing a total of 39,089,272 man-hours worked during 1968 with only 23 disabling injuries.

Oak Ridge Operations was notified of the Award in a letter from Howard Pyle, President of the National Safety Council, who stated: "Success in safety is in itself a great tribute to those who make it possible and the results of your efforts have certainly earned you the respect of the many who are concerned."

S. R. Sapirie, Manager of Oak Ridge Operations, said, "It is with a great deal of pride that we accept the National Safety Council's coveted Award of Honor. It is certainly fitting that the day to day efforts of our many employees for an increasingly safe working environment be recognized and honored by the National Safety Council."

When the 1968 safety record is converted to an accident frequency rate — the national yardstick for industrial safety—Oak Ridge Operations had 0.59 accidents per million man-hours worked during 1968, the best safety record ever for Oak Ridge Operations. The former record low of .99 was established in 1967, winning the previous Award of Honor.

General Savings Plan Stub Should Be Held

If you were in the numbers last week that received cash distribution in the General Savings Fund of the Savings Plan, you'd better hang onto that stub that came with the check.

It is important for several reasons . . . first, it gives you a taxable amount of the total to be included in your 1969 earnings . . . come next April 15. Then the amount of Union Carbide Corporation's payments into your account and your share of the Fund Surplus between July 1, 1967 and June 30, 1969 (the amount to be added to your check July 1, 1971).

QUICK CHANGE

Nothing in the world changes a man's mind faster than for him to dig up a spade of worms while working in the garden.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
226 Days Or
7,239,000 Man-Hours
(Unofficial Estimate)
Through July 6
Without A Disabling Injury
SAFETY AT HOME,
AT WORK, AT PLAY



CLARENCE E. LARSON

President Nixon Names Larson To AEC Position

Another appointment from the White House has affected Y-12 . . . as Dr. Clarence E. Larson has been nominated for the U.S. Atomic Energy Commission. President Nixon announced his intention last week of naming Larson to the AEC to replace Francesco Costagliola, whose term expired Monday, June 30.

Dr. Larson has been president of the Nuclear Division of Union Carbide Corporation since January, 1965. His association with the Oak Ridge Operations, however, and Y-12, pre-dates that time considerably.

He became assistant superintendent in the Chemical Research Division in Y-12 in 1943. In 1948, he became Y-12 plant superintendent, and was appointed Oak Ridge National Laboratory director in 1950. He held that position until 1955 when he moved to the New York office as vice president in charge of research for Union Carbide's Carbon Products Division. Following that, he became associate manager — research for the corporation, and in 1961 was appointed a vice president of the Nuclear Division, returning to Oak Ridge to administer the AEC's operations here.

Lawrence Associate

Dr. Larson is a graduate of the University of Minnesota, where he received his BS degree in 1932. He received his doctorate from the University of California in 1936. He served as professor of chemistry at the College of the Pacific where he became chairman of the chemistry department, and later joined the radiation laboratory at Berkeley as director of the analytical section. He was an early associate of E. O. Lawrence, who selected him to assist in the development of the electromagnetic process for the separation of

U-235, the development that sped Y-12's lightning-like creation during World War II.

In spite of Larson's heavy administrative responsibilities, he has still maintained an active interest in research and technology. He served as a delegate to the International Conference on the Peaceful Uses of Atomic Energy in 1955. He recently completed some personal laboratory research work, started many years ago, which resulted in the contribution of a scientific paper.

Active In Societies

Dr. Larson is a fellow and a member of the board of the American Nuclear Society, a member of the directors of the Oak Ridge Associated Universities and a member of the American Chemical Society, Society for Experimental Biology, Association for the Advancement of Science, Phi Lambda Epsilon and Sigma Xi Xi. He is also a member of Chemists' Club, the University Club, Cosmos Club, Rotary Club, and the Oak Ridge Golf and Country Club.

Dr. Larson was attending the Third International Conference on Science and the Humanities in Yugoslavia, when last week's announcement came. Mrs. Larson was accompanying him. They have three sons, Robert Edward, Lawrence Ernest and Lance Stafford. They live at 916 West Outer Drive. Dr. Larson was expected back in his Y-12 office this week.

The AEC appointment is for a term of five years.

NOT SO GOOD TANNING

Contrary to popular thinking, tanning is not good for the skin. Sunburn damages the tissue and many skin cancers are believed to be due to too much sun . . . the American Medical Association.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Special Honors To Kathy Owings



Kathy Owings

Kathy Owings, daughter of Mr. and Mrs. Edward Owings, Rockwood, has been awarded a full-performance scholarship to Tennessee Technological University, Cookeville. The scholarship was based primarily on Kathy's musical ability. She has studied piano and organ under Mrs. Mildred Fickey and George Weber.

At Rockwood High, Kathy has been a member of the band, the Teen Board, Booster Club, Library Club, Science Club, Future Teachers' Association, Latin Club, Future Homemakers' Association, and Senior Spirit Club. She has served as president of the band, class president, president of FTA and as a member of the school's annual staff.

At her graduation from Rockwood High School Friday, May 30, Kathy was given the highly coveted award called the "John Philip Sousa" music award . . . given by the Rockwood Jaycees. The award is based on leadership, ability and accomplishments in the field of music.

Owings is in Y-12's SS Material Control. The Owingses have another child . . . son John in the sixth grade.

Need A Ride? Carpool Member? Call Us!

One of the best ways to solve some of the traffic problems to and from Y-12 is to remove some of the autos from the road. The best and safest way to do this is car-pool it.

If you wish in a car pool, or wish to form one . . . or want riders, or a ride, just give The Bulletin a ring, 3-7100.

Birds of a feather flock together. Good examples are accidents and carelessness.



Old 1969 reached its half-way mark . . . and began its inevitable spin toward its finish last week . . . as more Y-12ers observe important dates with Union Carbide Corporation. Congratulations.

25 YEARS

James C. Nelson, Radiation Safety, July 10.

Frank P. Adams, Special Services, July 10.

Dayton H. Patterson, Guard Department, July 11.

Joe M. McMaster, Microreproduction and Engineering Services, July 11.

George W. Peach, Assembly Technical Staff, July 11.

Thomas E. Barnes, Utilities Administration, July 13.

Norman R. Corbin, Research Services, July 14.

Dorothy R. Moore, Production Assay, July 15.

Ted S. Higgins, Special Services, July 17.

James T. Calhoun, Process Maintenance, July 17.

15 YEARS

Lloyd S. Stansberry, Graphite Shop, July 12.

Johnny D. Moore, Process Maintenance, July 12.

Don D. Forrester, Material Control, July 13.

Carl S. McMurray, Assembly Technical Staff, July 14.

Murray L. Kinamon, Machine Maintenance, July 16.

10 YEARS

Spencer F. Ferguson, Beta Four Heavy Machine Shop, July 6.

James B. Richards, Fabrications Systems Development, July 6.

George E. Hundley, 9766 Machine Shop, July 13.

Romeo F. Greene, Mechanical Design Engineering, July 13.

Raymond S. Fletcher, General Plant Tooling Coordination, July 13.

Betty D. Ward, Superintendents Division, July 13.

George J. Walls, M-Wing Shop, July 13.

Clinton R. Martin, 9766 Machine Shop, July 13.

Mary C. Bell, Engineering Division, July 13.

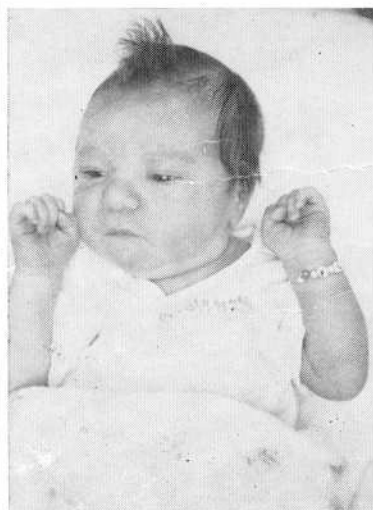
Barry V. Brackney, Critical Path and Regular Production Scheduling, July 13.

Barbara L. Bowers, Alpha Five Processing, July 13.

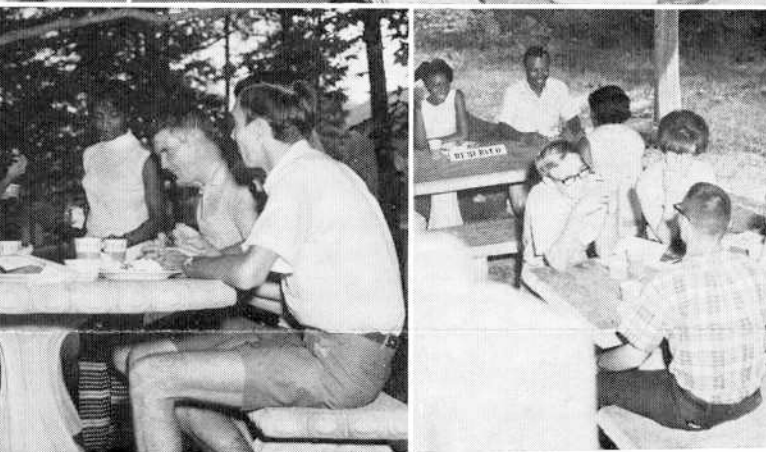
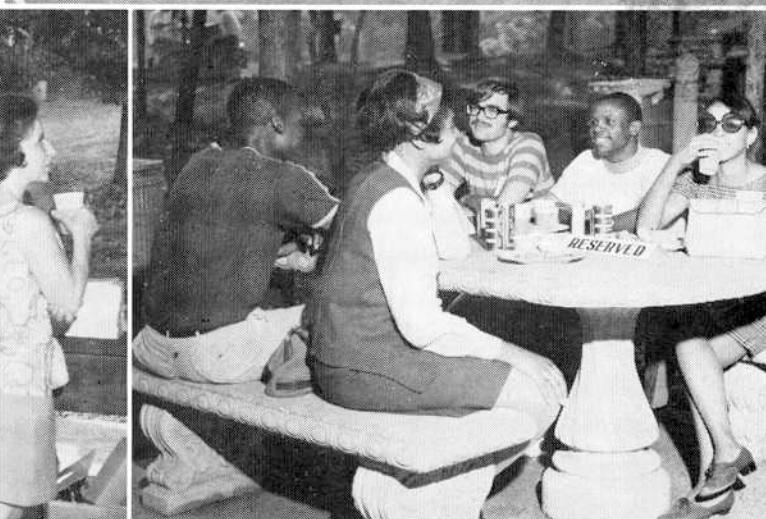
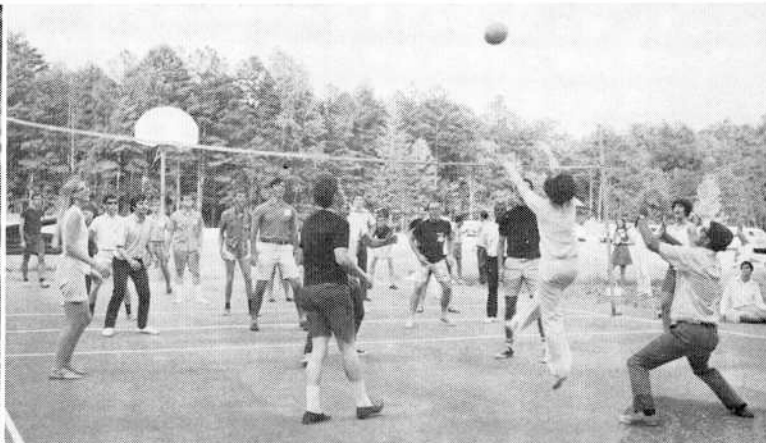
Clifford J. Williams, Product Engineering, July 13.

James D. Gill, Dimensional Inspection, July 13.

You'll tie your back in a painful knot, if you lift with a stoop instead of a squat.



MICHAEL BRANDON Panter, son of Mr. and Mrs. Leland Panter, Decatur, Georgia, was born March 22 in Decatur. He is the first grandchild of the Earl J. Panters (Research Services).



A MIXER PICNIC SUPPER WAS held Wednesday, June 25 at the Clark Center Recreation Park, hosted by Union Carbide Corporation. Summer students and co-oppers were special guests at the affair where swimming, volleyball, sunning and just talking made for a pleasant way to spend a supper afternoon.

Maeyens Son Is Graduate Doctor

Edgar Maeyens Jr., son of Mr. and Mrs. Edgar Maeyens Sr., 117 Cedar Lane, Oak Ridge, was graduated June 8 from the University of Tennessee Medical Unit in Memphis. He was awarded the Doctor of Medicine degree.

Dr. Maeyens was an officer in the Alpha Kappa Kappa medical fraternity and was a recipient of the Roane-Anderson County Medical scholarship for the past two years. In his training he received a grant from the National Institutes of Health to do research in oncology (the study of tumors) and pediatrics at St. Jude Children's Research Hospital in Memphis. His research resulted in a publication in the Archives of Neurology.

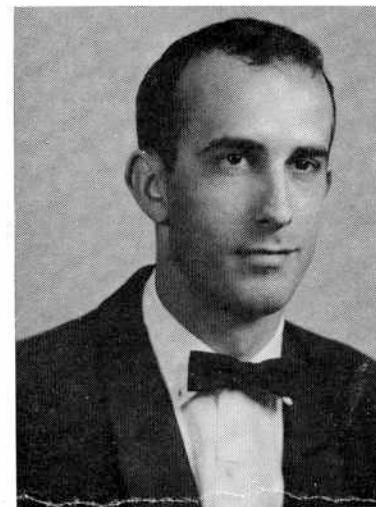
The young physician is a graduate of Oak Ridge High School and the University of Tennessee in Knoxville. He and his wife will reside in Richmond, Virginia, during his internship at the Medical College of Virginia.

Maeyens Sr. is in Y-12's Product Engineering.

ONLY A BEGINNING

The young graduate rushed out into the arms of the world, crying "Here I am with my AB!"

The silent answer . . . "Son, there are 24 more words in our alphabet!"



Edgar Maeyens Jr., M.D.

Accidents Leading Cause Of Young Deaths

The National Safety Council says that accidents are the leading cause of death among the young . . . persons between the ages of one and 37. For persons of all ages, accidents are the fourth leading cause of death. They claim more lives of children, ages one to 14, than the six leading diseases combined. Every 10 minutes, accidents kill two persons and injure another 200, according to NSC estimates. Ten minutes worth of accidents cost Americans more than \$400,000 . . . not to mention the two lives.

Active Y-12ers Named To Toastmaster Posts

Several Y-12ers are active in the Oak Ridge Toastmaster Club. Newly elected officers include Tom Adams (Engineering), president; Al Christman (Data Systems), treasurer; and John Campbell (Maintenance), sergeant-at-arms.

The above Y-12ers were appointed to office in the June 23 meeting. Toastmasters are dedicated to the principles of good speaking. They welcome anyone interested in improving his public speaking ability. All you have to do is talk . . . and listen to others talk. Just contact any of the above.

Badge Swap Continues Thru Next Wednesday

Badge exchange continues for Y-12ers through next Wednesday, July 16. Old badges (ones with yellow bottoms) will be honored until 11 p.m. July 16 . . . but no later than that.

The new summer badges have solid (blue) borders.

If you have not swapped yours, it will be in the self-service rack in your portal-of-entry in badge number order.

FROM THE COUCH

"My wife was the sort of person who lives for others. The others all insisted that she enter the sanatorium."

Baker-Emery Take Melton Green Lead

Baker-Emery share the lead in the Melton Hill Golf tournament, after last week's sizzling play. They shared three points with Riggs-McElroy . . . in second place. Parrott-Parker also shared three with the Sewells.

Posting six were Morehead-Poly over Nixdorf-Holdaway and Carter-Waldrop over Sise-Ridings.

Posting four were Wright-Dunaway over Clabough-Tiller and Loupe-Gordon over Ferguson-Winstead.

John Baker and Jim Loupe came in with cards of 37 for low scratch scores of the week. Loupe's 33 handicap was low.

League standings follow:

Team	W	L
Baker-Emery	30	12
Riggs-McElroy	28	14
Parrott-Parker	27	15
Tucker-Wetzel	27	9
Sewell-Sewell	25	17
Butler-Wright	23	13
Clabough-Tiller	22	20
Ferguson-Winstead	20	22
Sise-Ridings	19	23
Nixdorf-Holdaway	19	23
Sherrod-Wyrick	18	24
Wright-Dunaway	18	24
Morehead-Poly	18	24
Gresham-Bell	17	19
Alvey-Phillips	16	20
Stinnett-Ladd	12	24
Carter-Waldrop	11	31
Loupe-Gordon	10	32

Last Week Was Safe Boat Week!

Last week was National Safe Boating Week. It is during the week that Independence Day falls that attention is drawn to the perils of water recreation.

Almost everyone in Y-12 owns a boat. Those who do not . . . know someone who does, which is sometimes more advantageous than those who own boats.

Some safe boating rules of the road might well be remembered:

- Know your boat.
- Don't overload.
- Keep a good lookout.
- Operate at safe speeds.
- Respect the weather.
- Take sufficient fuel.
- Keep your boat in shape.
- Carry necessary equipment.
- Secure your boat properly.
- Obey the law.

Remember, too, that you are responsible for your wash and wake. Reckless operation is punishable by fine and imprisonment.

Boats in your "danger zone" have right-of-way and should hold course and speed. Learn and exchange proper whistle signals to avoid misunderstanding.

Sailboats have right-of-way ex-

Recreation



Monday, July 14

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. Beta 4 Astros vs Yankees; 69ers vs. Go Go Gophers; Beta 2 Miners vs. Eagles.

VOLLEYBALL: 7 p.m. Informal Play. New Jefferson Junior Courts.

Tuesday, July 15

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. Big Shops vs. NC Squad; Buccaneers vs. Bat Boys; K-25 Gas-house Gang vs. Show Ups.

PHYSICAL FITNESS (For Men): 7:30 p.m. Oak Ridge High School Gym.

WHITTLES GOLF LEAGUE: After Work, Whittle Springs Golf Course, Knoxville.

Wednesday, July 16

MELTON HILL GOLF LEAGUE: After work, Melton Hill Golf Course, Clinton.

VOLLEYBALL: 7 p.m. Informal Play. New Jefferson Junior Courts.

Thursday, July 17

SOUTHWEST POINT GOLF LEAGUE: After Work, Southwest Point Golf Course, Kingston.

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. Braves vs. A-Wingers; All Stars vs. Colts; J-Birds vs. Y-12 Snakes.

PHYSICAL FITNESS (For Men): 7:30 p.m. Oak Ridge High School Gym.

HORSESHOE LEAGUE: 7 p.m. City Courts, Jackson Square.

Sunday, July 20

SKEET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association range.

HossShoe Slows To One Pitch

Only one match got reported in the HossShoe League last week as the Case-Allmon pair took seven points at the expense of Durham-Harness.

Standings will be reported in next week's paper.

cept when overtaking. Pass them wide to leeward.

Large vessels and tows are not quickly maneuverable. Keep clear and give them ample room.

Remember, courtesy at all times . . . on the water!



THE BIG SHOPS IS A BIG TEAM in the Softball circles around the plant. They are seen full-strong in the photo above . . . in the first row, from left, Wendell Cook, L. E. Story, C. R. Martin and Travis Craig. In the rear are Dwight Byars, Kenneth Schultz, H. H. Law, R. E. Gibson, manager; C. F. Manning, assistant manager; and Bill Brucker.

Braves Still Boast Best Record In 18-Team Softball League

Friday . . . June 27 saw three forfeit wins in the Softball League. The Colts showed over the Beta 2 Miners and the 69ers did when the A-Wingers didn't, and the J-Birds won from the Beta 4 Astros.

Last week's action got telescoped slightly, thanks to Friday's holiday.

Only one game was played Monday . . . as the Braves belted the 69ers 16 to 1. Larry McDonald, Steve Babb, Ron Norris and Joe Mason all scored heavy homers for the winning big Braves.

The Colts took a forfeit win from the Beta 4 Astros.

The All Stars accomplished an easy win past the A-Wingers, via forfeit.

Tuesday saw the NC Squad take a win from the Buccaneers 11 to 9 . . . beating them in the last inning.

Tom Bennett and Jim Snyder selected the back lot for homers . . . and Randy Collins and Larry Webb poled them for the losing squad.

The J-Birds jinxed the Yankees 11 to 6 in Tuesday's second battle. Curtis Hill kept his name in there with a four-bagger.

Snakes Win Barely

The Y-12 Snakes slithered by the Beta 2 Miners 10 to 9 . . . as Horace Mooreman nailed two

homers and Charles Holland earned his bread with one.

Dave Powell poled two for the losing Miners.

The Gashouse Gang from down K-25-way nailed the Bat Boys flat to the ground 20 to 5 in Wednesday's first game.

Bruce Marshall and Jim Medlin made homers to aid the winning cause.

The Colts, also from K-25, gained a win over the Go Go Gophers 26 to 4 . . . as Jim Treadwill, Dan Tidwell and Ted Hatcher all had triples to drive in runs for the winners.

Beta Astros Forfeit

The Eagles took a forfeit win from the Beta 4 Astros.

The Big Shops and Show Ups barely got underway when they were rained out. This game will be re-set.

League standings follow:

Team	W	L
Braves	9	0
K-25 Colts	9	1
Y-12 Snakes	8	1
69ers	7	2
Eagles	7	2
All Stars	6	3
J-Birds, K-25	6	3
Buccaneers	5	4
K-25 Gashouse Gang	5	4
Big Shops	4	4
Yankees	4	5
NC Squad	3	6
A-Wingers	3	7
Show-Ups	2	6
Go Go Gophers	2	7
Beta 2 Miners	0	8
Bat Boys	0	9
Beta 4 Astros	0	10

Whittles League Up For Grabs

Four points separate the top teams in the Whittle Springs Golf League . . . and they have yet to match each other in the league's first half. Ball-Leach took Cowen-O'Neal for four . . . and Tharp-Dake posted six at the expense of Holland-Wilson. Troutman-Chitwood took four from Norris-Smeltzer.

The Ball-Leach and Tharp-Dake match was rescheduled for this week.

Low team score was fired by Ball-Sawyer with 84 . . . Al Sawyer scored a 39 scratch score . . . a 31 handicap score with five pars!

League standings follow:

Team	W	L
Ball-Leach	24	6
Tharp-Dake	20	10
Cowen-O'Neal	19	17
Troutman-Chitwood	17	19
True-Poe	16	20
Norris-Smeltzer	14	22
Holland-Wilson	10	26

PARK FACILITIES

Facilities at the Clark Center Recreation Park, as well as other Recreation functions, are open to all retired Union Carbide employees.

TWO SEPARATE CLASSES

People who complain about high taxes may be divided into two classes . . . men and women.



B. J. BECK, METAL FABRICATION SHOP, extreme right, is shown back in 1930 in a group that made it over the Smokies without benefit of a highway. They are shown on the Carolina side in the vintage (but not so old) auto at the time. Beck says he has forgotten the names of the others in the group. Wild looking, isn't it? (The background, not the man!)

Jones-Morgan Inch Up At SW Point

The Jones-Morgan pair moved up within spitting distance of the Southwest Point Golf League last week with a sweep over Clayton-Verner.

Goss-Stanton kept apace with a four win over Argo-Groppe . . . Mee-Wright took five from Smith-Henderson.

Bill Mee scored a low 39 . . . B. Argo's 35 was low handicap score.

League standings follow:

Team	W	L
Goss-Stanton	31	11
Jones-Morgan	30	12
Smith-Henderson	22	20
Clayton-Verner	18	24
Mee-Wright	16	26
Argo-Groppe	9	33

WHAT IS SUCCESS?

Are you a success? Do people like you wherever you go . . . or WHENEVER you go?

Tee-Off Time Application For Niota Golf Tournament

Saturday, July 26

Foursome

_____, Leader

Leader's office phone _____

Home phone _____

Tee-off Time Preferred _____

Fill out completely and return to the Recreation Office, Building 9711-5. Deadline for entering is 4:30 p.m. Wednesday, July 23. Tee-off times will be drawn the next day, Thursday, July 24 at 8:30 a.m.



THE OAK RIDGE SUMMER SCHOOL staged an operatta "The Green Cowboy" Tuesday, July 8, at the Oak Ridge High School. It was written by Marion Metcalf . . . a junior in the Oak Ridge High School. Y-12 children who took part in the drama-musical are seen above, from left, Karen Rosenvinge, Sharen Brown, Tommy Pappas, Jeanne Huber and James Montgomery.



Ride wanted from Baxter Avenue, Knoxville, to any portal, straight day. Sandra Cash, plant phone 3-5990, home phone Knoxville 524-2390.

Zurcher

Continued from Page 1
Is Swiss Born

Zurcher was born in Teufen, Switzerland. He holds a BS degree from the Technikum Winterthur, Zurich, in electrical engineering. He came to Y-12 October 12, 1943 . . . and retired from ac-

tive service March 31 of this year. He became a consultant at that time.

The Zurchers, who have three children, live at 2648 Sherrod Road, Knoxville.

Congratulations, Ernest Zurcher. ASME does itself proud to honor you as a Fellow!

SMTI's Jolly Guest Physics Seminar Speaker

Tomorrow's Physics seminar will feature Paul Jolly, Southeastern Massachusetts Technological Institute, who will have as his subject "Even Parity States in A=Nuclei."

The seminar is set for tomorrow, Thursday, July 10, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

Dead Driver Has No Right-Of-Way

More than 55,300 men, women and children were killed in highway crashes in 1968, according to the annual highway accident data booklet published by The Travelers Insurance Companies. The toll was up from the 53,000 killed a year earlier.

At the same time, automobile accidents were responsible for injuries to some 4,400,000 persons in 1968, an increase of more than 200,000 from the previous year.

The booklet, titled **ALCOHOL-OCAUST**, points to a study by the U.S. Department of Transportation which concludes that "the use of alcohol by drivers and pedestrians leads to some 25,000 deaths and a total of at least 800,000 crashes in the United States each year." It notes, however, that the reader must read between the lines of classifications in the statistical tables: "Speed too fast for conditions," "On wrong side of road," "Reckless driving," "Drove off roadway," "Did not have right of way," to find the evidence of drinking and driving.

"A dead driver can't be asked to heel-and-toe or take a breath or blood test," a spokesman said. "The injured driver frequently needs swift emergency treatment. Technical examination for alcohol in his blood stream must come later when the aberrant ingredient has been diluted or has disappeared altogether," he added.

According to a statistical table titled "Actions of Drivers Associated With Deaths . . ."; Speed too fast for conditions accounted for more than 40 percent of the deaths; On wrong side of road, 14 percent; "Reckless driving," 14 percent; "Drove off roadway," 12 percent; "Did not have right of way," 13 percent.

The statistics in the booklet were compiled from reports of state motor vehicle departments across the nation.



UNION CARBIDE CORPORATION

NUCLEAR DIVISION

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GEORGE W. GRAHAM, JR. gets his bars pinned on by his mother, at his recent graduation from the University of Tennessee. Graham was commissioned a second lieutenant in the Army Reserve after four years of R.O.T.C. at UT. He entered UT's Dental School in Memphis July 11.

Aluminum Foil Placed On Stove Is Dangerous

Aluminum foil can kill. Watch out when using aluminum foil around your electric stove. One woman in the Bronx was recently electrocuted when aluminum foil which she had used to wrap a chicken to be fried, touched the open-coil element of her stove. Most range ovens still have exposed wire heating elements on top of the oven or exposed heating elements inside. All aluminum foils are conductive and if they make contact with any exposed electrical element of a range, electrocution can result!

THINGS TO REMEMBER

Help a man who is in trouble . . . and he'll never forget you . . . especially when he gets in trouble again!

Army Promotion To Graham Son

The George W. Graham Sr. family, 5313 Maywood Road, Knoxville, were proud parents recently, as their son, George W. Graham Jr., graduated from the University of Tennessee. With four years in the Reserve Officers' Training Corps, young Graham was commissioned a second lieutenant in the U.S. Army Reserve. While at UT he majored in zoology, with a minor in botany.

A graduate of Powell High School, Graham Jr. has been accepted in the UT Dental School in Memphis. He departed for the far West Tennessee college July 11.

Graham Sr. is in Process Maintenance. They have one other child . . . a daughter Rosalie Phillips, in Y-12's Development Division.

New Techniques To Save New Lives To Be Seen On 21st Century Sunday

New medical advances in the treatment of infant diseases to save the lives of the unborn and the newborn will be reported in "The 21st Century" episode, "The First 10 Months, Part II" Sunday, July 13 at 6 p.m., EDT, in color on the CBS Television Network. "21st Century" is carried here by WBIR-TV, Channel 10. CBS News Correspondent Walter Cronkite is principal reporter for the series which is sponsored in the public interest by Union Carbide Corporation.

The broadcast will present new techniques and discoveries that are permitting scientists to enter the world of the womb, examine the environment of the unborn child and attempt to treat the problem before birth. Preventive medicine to treat RH disease, in the form of a vaccine to combat the mother's immune blood sys-

tem so that she does not produce antibodies against her own baby will be described.

New developments in hyperbaric surgery performed in an oxygen enriched environment under pressurized conditions will also be seen in an open heart operation on a blue baby, permitting surgeons added minutes to complete the critical stage of the surgery.

Experimental techniques shown on monkeys to remove a fetus, perform surgery on it, and return it to the womb to be born at term, point to a new direction in the treatment of a sick fetus in humans that is very much twenty-first century.

"The First 10 Months," was written by Judy Towers; Fred Warshofsky is science editor for the series; Isaac Kleinerman is producer and Burton Benjamin is executive director.



MODELING COMES NATURALLY to Kim Moretto, left seen with Danny Culberson, Assembly. Ada Moretto (Mrs. Fred) is seen in the next photo with Robert L. Walker. The modeling came at the Oak Ridge Country Club, sponsored by Conley E. Morris and Bailoff's of Oak Ridge, for the Pilots' Club. Again recently the mother and daughter team modeled at the Atomic Energy Commission dance at the Holiday Inn. The daughter and mother are part of Fred Moretto's family, Buildings, Grounds and Maintenance Shops.